

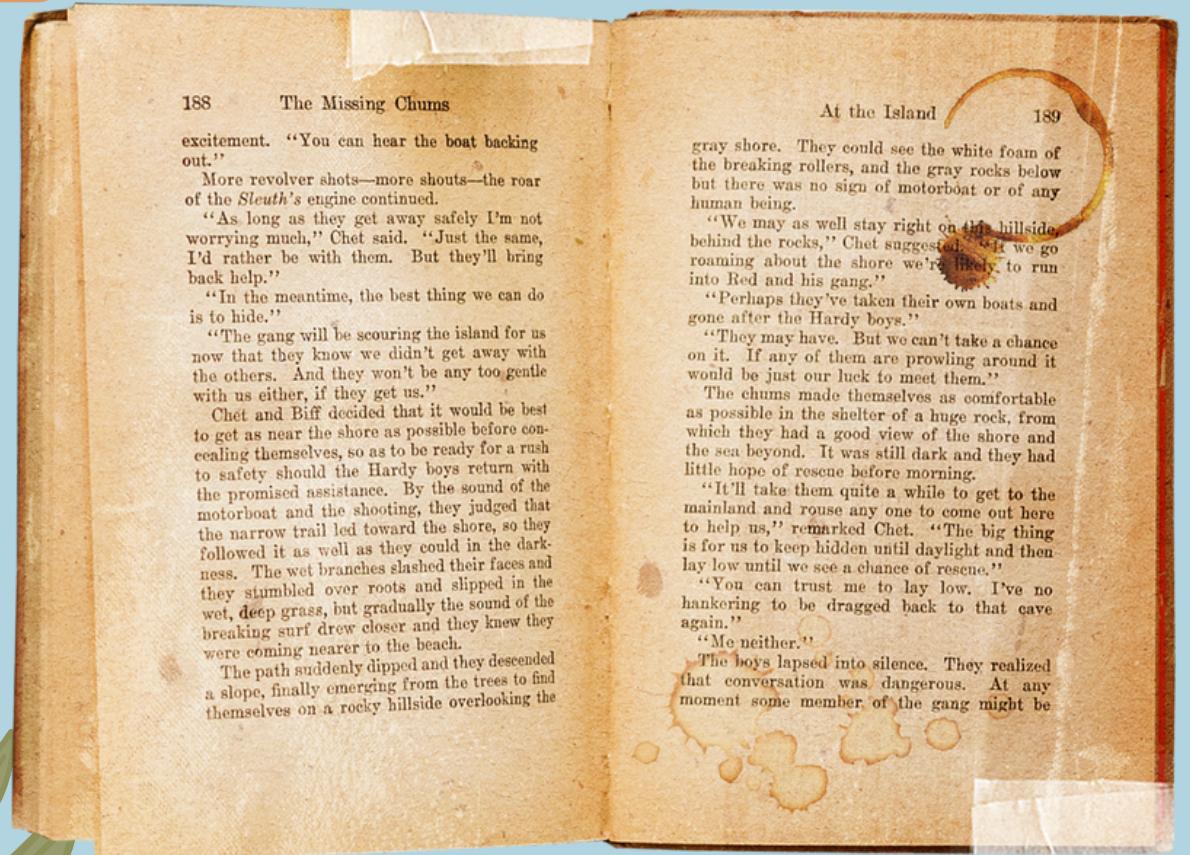
# My Book Store



# Introduction

## Full Stack Application – My Book Store

My book store is a web application that allows customers to buy books online. Customers can search for a book by title or author using a web browser, and then purchase it using a debit or credit card transaction. It provides the avid readers with a simple and easy option to make purchases.



# Technologies Used

1 Angular Framework

2 Spring Boot Framework

3 MySQL

4 JPA Hibernate

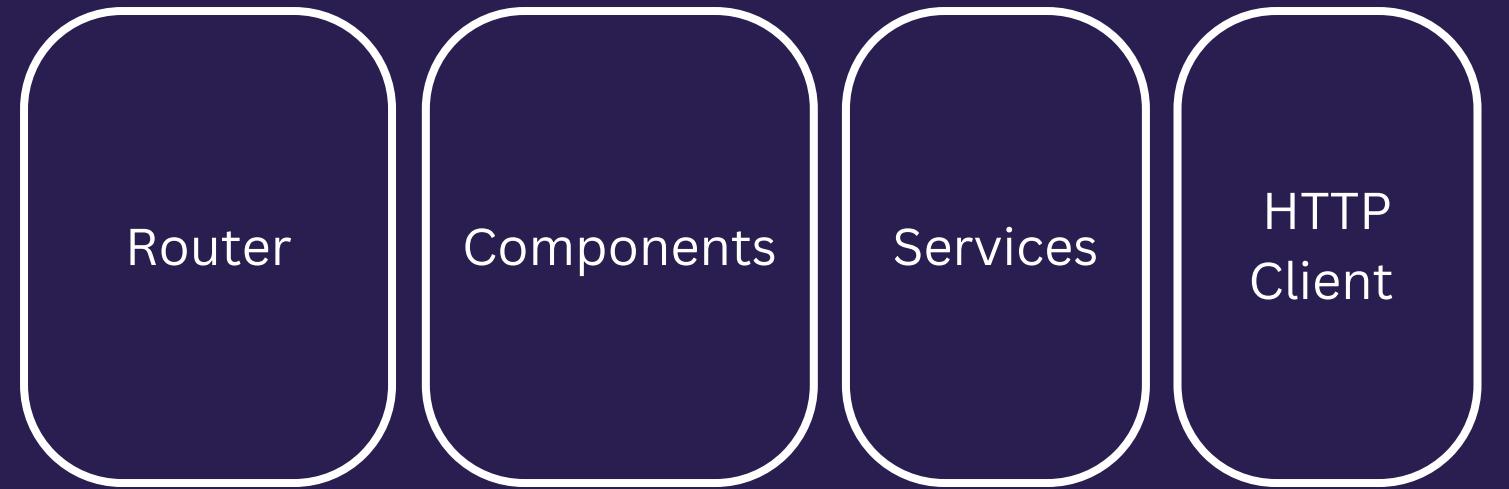
5 Java

6 HTML, CSS, JS, TS

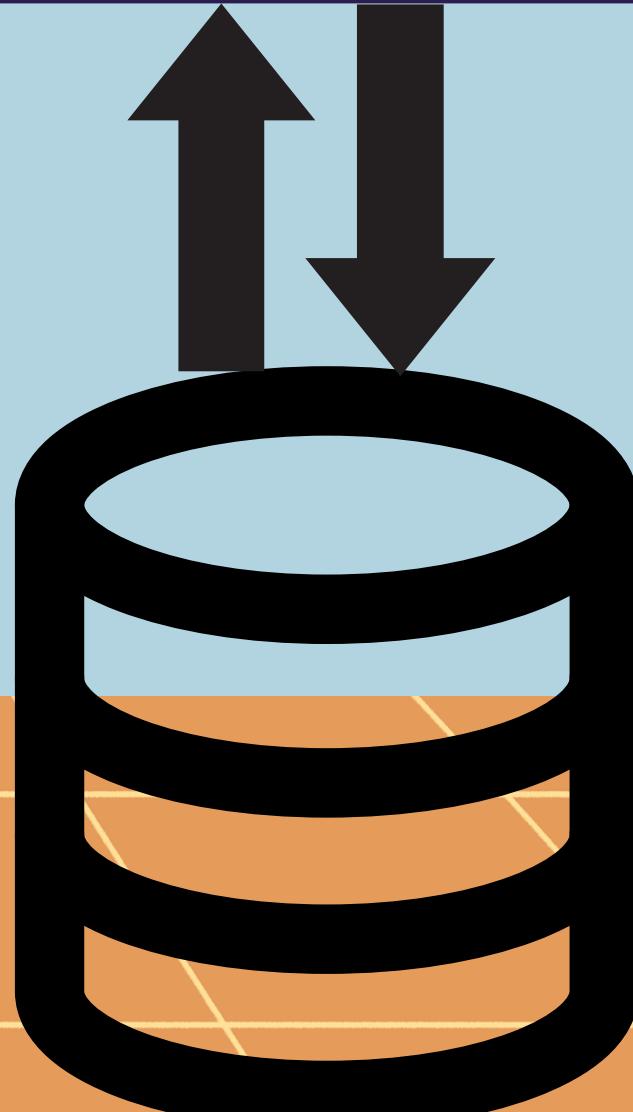
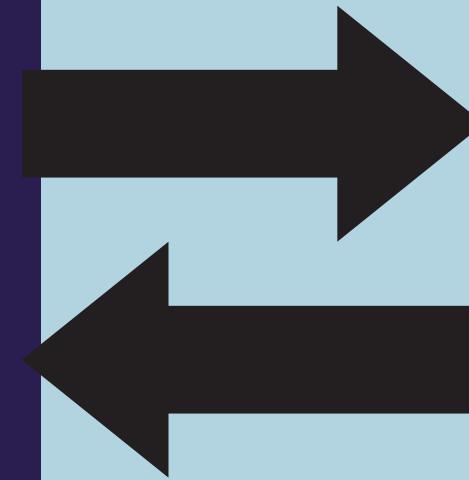
7 PostMan



# ANGULAR



# SPRING BOOT



# Architecture

- Angular - **Frontend**
- Spring Boot - **Backend**
- MySQL - **Backend**
- Postman - **Backend**

# CRUD Operations

Add Books



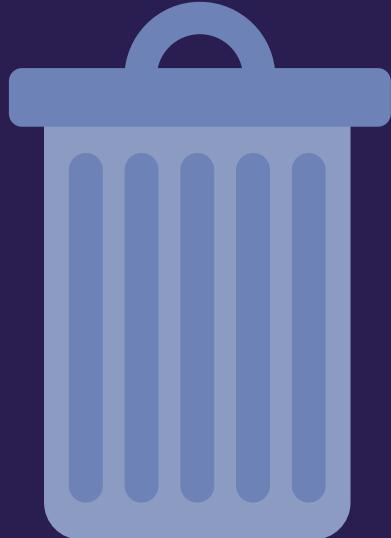
View Books



Update Books



Delete Books



# Features & Concepts Implemented

## JWT Token & Authorization



## Payment Integration



## Pageanation



## Search Books



# LOGIN

My Book Store

Login



Login

[Create an Account](#)



Activate Windows  
Go to Settings to activate Windows.

# REGISTER

My Book Store

Login



Register

Username

First Name

Last Name

Password



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Go to Settings to activate Windows.

# HOME

My Book Store

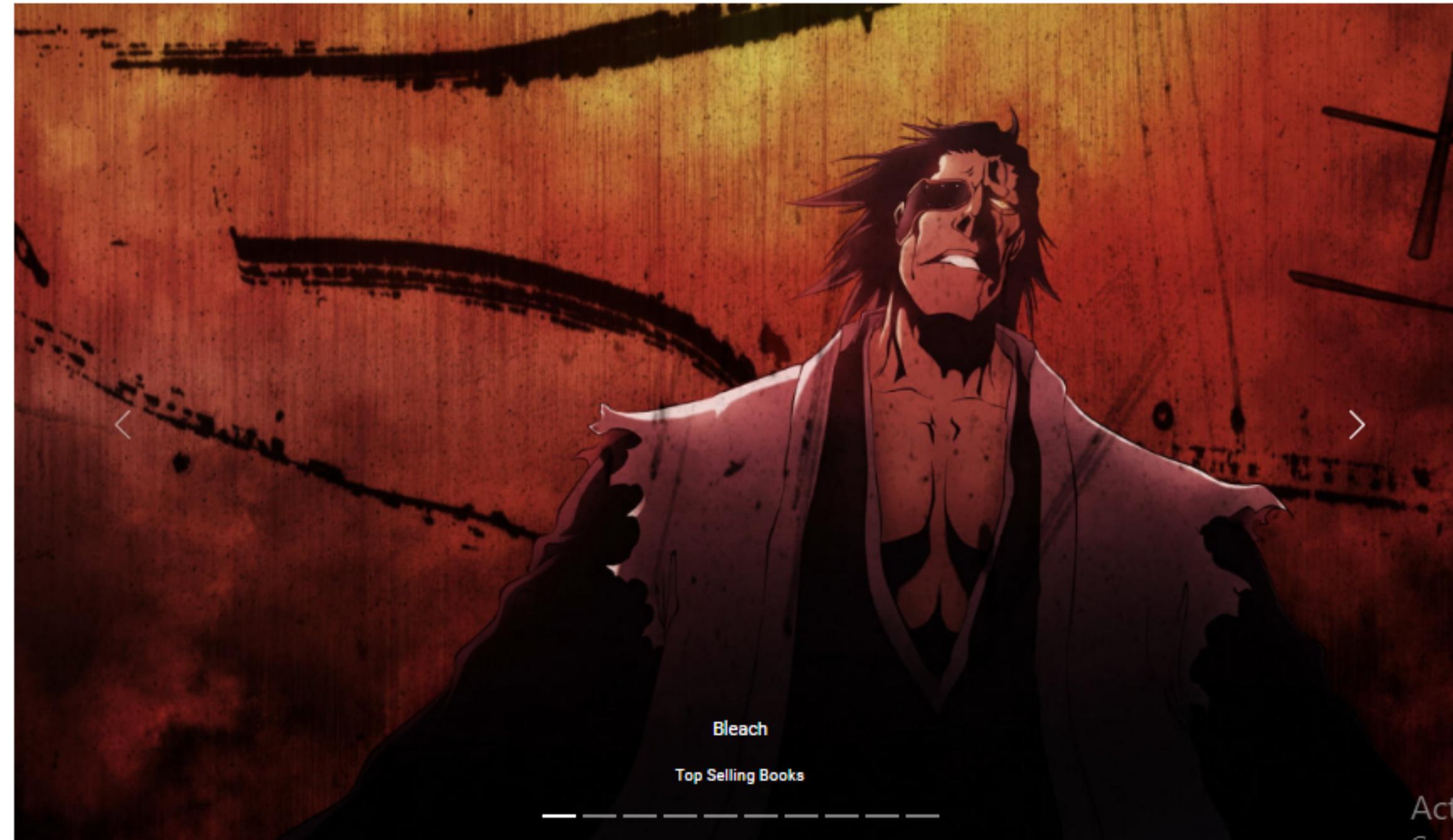
Logout

Home

Add New Books

Show Book's Details

Order Details



Bleach

Top Selling Books

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# HOME PAGE - BOOKS

## Popular Books for you to Read

Search any Product



### VagaBond

Story of Miyamoto Musashi. The Samurai who dueled with 72 men and won.

Rs.7999 Rs.8999

[View Details](#)



### One Piece

One Piece is a Japanese manga series written and illustrated by Eiichiro Oda.

Rs.89999 Rs.99999

[View Details](#)



### Black Clover

A Young Boy trying to accomplish his dreams with hardship.

Rs.2599 Rs.2999

[View Details](#)



### The Beginning After The End

Novel by TurtleMe. Story of Arthur Leywin

Rs.40000 Rs.45000

[View Details](#)

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# ADD NEW BOOKS - ADMIN

My Book Store

Logout

Home

Add New Books

Show Book's Details

Order Details

Book Name

Book Description

Book's Actual Prize

Book's Discounted Prize

Drag and drop your file or [Browse](#) a file

Clear

Add



Activate Windows  
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# SHOW BOOK DETAIL'S - ADMIN

My Book Store

Logout

Home Add New Books Show Book's Details Order Details

## Book Details

Search any Product

Id	Book Cover	Name	Description	Discounted Price	Actual Price	Actions
1		VagaBond	Story of Miyamoto Musashi. The Samurai who dueled with 72 men and won.	7999	8999	 
4		One Piece	One Piece is a Japanese manga series written and illustrated by Eiichiro Oda.	89999	99999	 

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# SHOW ORDERS - ADMIN

My Book Store

Logout

Home Add New Books

Show Book's Details

Order Details

Id	Product Name	Name	Address	Contact No.	Status	Action
25	VagaBond	raj	Hyderabad	9090909090	Delivered	
26	One Piece	raj	Hyderabad	9000090009	Delivered	
27	VagaBond	raj	Hyderabad	9898989898	Delivered	
28	The Beginning After The End	raj	Chennai	9898989898	Delivered	
29	One Piece	raj			Delivered	
30	Black Clover	raj	Hyderabad	8787878787	Placed	Mark as Delivered
69	The Beginning After The End	Lakshay	Hyderabad	9876543211	Placed	Mark as Delivered
70	VagaBond	Lakshay	Hyderabad	9876543211	Placed	Mark as Delivered
71	One Piece	Lakshay	Hyderabad	9876543211	Placed	Mark as Delivered
72	Berserk	Lakshay	Hyderabad	9876543211	Placed	Mark as Delivered
77	My Hero Academia	Lakshay	H	5656565656	Placed	Mark as Delivered

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# SHOW ORDERS - USER

My Book Store

Logout

Home My Orders

Name	Address	Contact No.	Amount	Status
Laksh	Hyderabad	9876543211	40000	Placed
Laksh	Hyderabad	9876543211	7999	Placed
Laksh	Hyderabad	9876543211	89999	Placed
Laksh	Hyderabad	9876543211	34999	Placed
L	H	5656565656	11000	Placed
Shubham	Chennai	8888888888	89999	Active
Laksh	Hyd	463287989	2200	Active
Laksh	hyd	68436968747	1200	Active
Laksh	Hyd	45368468	5198	Placed
L	H	2355432	15998	Placed
Bhaiya	Hyd	325243523	7999	Placed
Laksh	Hyderabad	168768168	15998	Placed
Lakshay Rishi	Hyderabad	0000000000	15000	Placed

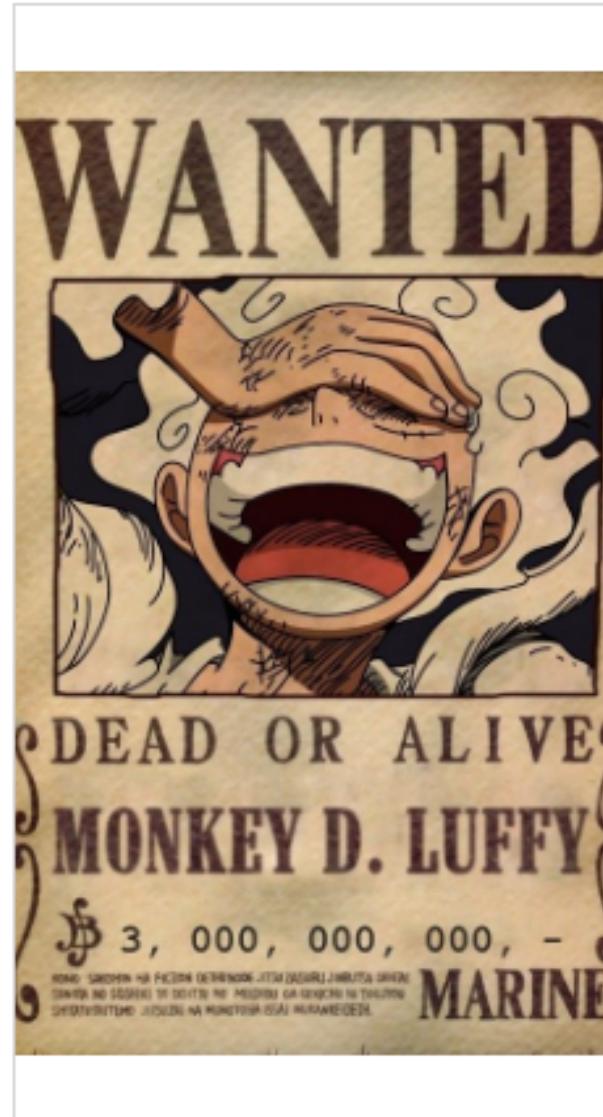
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# BOOK VIEW - USER

My Book Store

Logout

Home My Orders



## One Piece

Description:

**One Piece** is a Japanese manga series written and illustrated by Eiichiro Oda. Lorem ipsum dolor sit amet, consectetur adipisicing elit. Praesentium tempore suscipit totam voluptatem labore maiores error repellendus quidem ipsam obcaecati? Dignissimos reiciendis qui at, expedita, velit ratione consequatur quis sequi deleniti consequuntur voluptate hic inventore eligendi, modi aliquam omnis enim saepe ut non facere minima repellat. Odio, recusandae inventore explicabo cum non soluta at, aperiam amet corrupti vitae ad iure cupiditate officiis! Ut totam, laboriosam error quibusdam mollitia voluptatum impedit odio eum vero ipsam! Quis sunt, enim rerum ea dignissimos quam explicabo fuga adipisci quo, debitis placeat aliquid consequetur voluptates illum magni odio consequuntur, ipsum alias? Distinctio magni pariatur ducimus?

Rs. 89999   Rs. 99999

Buy Now

Activate Windows  
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# BUY BOOKS - USER

My Book Store

Logout

Home My Orders

Full Name	Name	Amount	Quantity	Total
	One Piece	89999	<input type="text" value="1"/>	89999
Full Address				Total 89999
Contact Number				
Alternate Contact Number				
	<a href="#">Place Order</a>			

Activate Windows  
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# PAYMENT INTEGRATION- USER

My Book Store

Home My Orders

Logout Test Mode

Full Name — Laksh

Full Address — Hyderabad

Contact Number — 9898989898

Alternate Contact Number — 8787878787

Preferred Payment Methods

- Pay using Netbanking
- Pay using Card All cards supported

Cards, UPI & More

- Card
- UPI / QR
- Netbanking
- Wallet
- Pay Later

₹ 89,999 View Details

Pay Now

Amount	Quantity	Total
89999	1	89999
Total		89999

Activate Windows  
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# ANGULAR - UI

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** Angular
- Explorer:** Shows the file structure of "MyApplication-Frontend". The "src" folder is expanded, showing "app" which contains "header", "home", "login", "my-orders", "order-confirmation", "order-details", "product-view-details", "register", "show-authenticate-error-i...", "show-product-details", and "show-product-images-dial...".
- Editor:** The "header.component.html" file is open. The code defines two `<mat-toolbar color="primary">` sections. The first section contains a `<span>MyStore</span>` and two buttons: one for "Login" and one for "Logout". The second section contains five buttons for "Home", "My Orders", "Add New Product", "Show Book's Details", and "Order Details".

```
<mat-toolbar color="primary">
  <span>MyStore</span>
  <span class="space-button"></span>
  <button *ngIf="!isLoggedIn()" mat-raised-button color="primary" routerLink="/login">Login</button>
  <button *ngIf="isLoggedIn()" mat-raised-button color="warn" (click)="logout()">Logout</button>
</mat-toolbar>

<mat-toolbar color="primary" *ngIf="isLoggedIn()">
  <button mat-raised-button color="primary" routerLink="/">Home</button> &ampnbsp
  <button *ngIf="!isAdmin()" mat-raised-button color="primary" routerLink="/myOrders">My Orders</button> &ampnbsp
  <button *ngIf="isAdmin()" mat-raised-button color="primary" routerLink="/addNewProduct">Add New Books</button>
  <button *ngIf="isAdmin()" mat-raised-button color="primary" routerLink="/showProductDetails">Show Book's Details</button>
  <button *ngIf="isAdmin()" mat-raised-button color="primary" routerLink="/orderInformation">Order Details</button>
</mat-toolbar>
```
- Terminal:** Shows the output of a build process:

```
runtime.js | runtime | 6.54 kB |
| Initial Total | 6.27 MB

Build at: 2023-09-15T02:55:55.829Z - Hash: 35b13559c0aca5a8 - Time: 16700ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

✓ Compiled successfully.
```
- Status Bar:** Ln 10, Col 80, Spaces: 2, UTF-8, LF, HTML, Go Live, Prettier, Activate Windows (with a note to go to Settings to activate Windows).

# SPRING BOOT APPLICATION

The screenshot shows the Spring Tool Suite 4 interface with the following details:

- Title Bar:** Spring-workspace - MyApplication-Backend/src/main/java/com/MyApplication/MyApplicationBackendApplication.java - Spring Tool Suite 4
- Menu Bar:** File Edit Source Refactor Source Navigate Search Project Run Window Help
- Toolbar:** Includes icons for file operations, search, run, and project management.
- Package Explorer:** Shows the project structure:
  - Logindemo [boot] [devtools]
  - MyApplication-Backend [boot]
    - src/main/java
      - com.MyApplication
        - MyApplicationBackendApplication.java
        - com.MyApplication.configuration
        - com.MyApplication.controller
          - CartController.java
          - JwtController.java
          - OrderDetailController.java
          - ProductController.java
          - RoleController.java
          - UserController.java
        - com.MyApplication.dao
          - CartDao.java
          - OrderDetailDao.java
          - ProductDao.java
          - RoleDao.java
          - UserDao.java
        - com.MyApplication.entity
          - Cart.java
          - ImageModel.java
          - JwtRequest.java
          - JwtResponse.java
          - OrderDetail.java
          - OrderInput.java
          - OrderProductQuantity.java
          - Product.java
          - Role.java
          - TransactionDetails.java
          - User.java
        - com.MyApplication.service
          - CartService.java
          - UserService.java
  - Editor:** Displays the code for `MyApplicationBackendApplication.java`:

```
1 package com.MyApplication;
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 public class MyApplicationBackendApplication {
7
8     public static void main(String[] args) {
9         SpringApplication.run(MyApplicationBackendApplication.class, args);
10    }
11
12 }
13
14 }
```
  - Console:** Shows the application logs:

```
2023-09-15 08:23:26.305 INFO 13424 --- [           main] com.zaxxer.hikari.HikariDataSource      : HikariPool-1 - Start completed.
2023-09-15 08:23:26.449 INFO 13424 --- [           main] org.hibernate.dialect.Dialect          : HHH000400: Using dialect: org.hibernate.
2023-09-15 08:23:31.169 INFO 13424 --- [           main] o.h.e.t.j.p.i.JtaPlatformInitiator       : HHH000490: Using JtaPlatform implementat
2023-09-15 08:23:31.191 INFO 13424 --- [           main] j.LocalContainerEntityManagerFactoryBean   : Initialized JPA EntityManagerFactory for p
2023-09-15 08:23:32.584 WARN 13424 --- [           main] JpaBaseConfiguration$JpaWebConfiguration  : spring.jpa.open-in-view is enabled by de
2023-09-15 08:23:38.041 INFO 13424 --- [           main] o.s.s.web.DefaultSecurityFilterChain      : Will secure any request with [org.spring
2023-09-15 08:23:38.368 INFO 13424 --- [           main] o.s.s.concurrent.ThreadPoolTaskExecutor    : Initializing ExecutorService 'application
2023-09-15 08:23:40.425 INFO 13424 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer   : Tomcat started on port(s): 9010 (http)
2023-09-15 08:23:40.445 INFO 13424 --- [           main] c.M.MyApplicationBackendApplication        : Started MyApplicationBackendApplication
2023-09-15 08:26:27.195 INFO 13424 --- [nio-9010-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring DispatcherServlet 'c
2023-09-15 08:26:27.195 INFO 13424 --- [nio-9010-exec-1] o.s.web.servlet.DispatcherServlet        : Initializing Servlet 'dispatcherServlet'
2023-09-15 08:26:27.199 INFO 13424 --- [nio-9010-exec-1] o.s.web.servlet.DispatcherServlet        : Completed initialization in 3 ms
```
  - Status Bar:** Writable, Smart Insert, 1:1:0

# MYSQL - DATABASE

MySQL Workbench

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- employecrudapp
- firstdatabasedemo
- hdemo
- logindemo
- mystore**
  - Tables
  - cart
  - hibernate\_sequence
  - image\_model
  - order\_detail
  - product
  - product\_image
  - role
  - user
  - user\_role
- Views
- Stored Procedures
- Functions

Administration Schemas

Information

No object selected

Query 1 ×

13 • create database mystore;  
14 • use mystore;  
15 • select \* from product;  
16 • desc product;  
17 • select \* from image\_model;  
18 • select \* from product\_image;  
19 • select \* from order\_detail;  
20 • select \* from user\_role;  
21 • select \* from cart;  
22 • select \* from role;  
23 • select \* from user;

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	product_id	product_actual_price	product_description	product_discounted_price	product_name
▶	1	8999	Story of Miyamoto Musashi. The Samurai who d...	7999	VagaBond
	4	99999	One Piece is a Japanese manga series written a...	89999	One Piece
	13	2999	A Young Boy trying to accomplish his dreams wit...	2599	Black Clover
	15	45000	Novel by TurtleMe. Story of Arthur Leywin	40000	The Beginning After The End
	31	35000	Naruto is a Japanese manga series written and i...	30000	Naruto
	34	15000	Top Selling Manhwa	9999	Solo Leveling
	40	2500	Book by Robert Kioski	2200	Rich Dad Poor Dad
	42	1500	Book by Benjamin Franklin	1200	Intelligent Investor

product 5 ×

Output

Action Output

#	Time	Action	Message	Duration/Fetch
4	10:39:15	select * from user LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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# POSTMAN

Please complete your account verification. We've sent the verification link to [laksharyan11@gmail.com](mailto:laksharyan11@gmail.com) [Resend Verification Email](#)

**My Workspace** [New](#) [Import](#) [GET http://](#) [POST local](#) [POST http://](#) [POST http://](#) [GET http://](#) [GET http://](#) [GET http://](#) [+](#) [...](#) [No Environment](#) [...](#)

**Collections** [+](#) [First](#)

**Environments**

**History**

**localhost:9010/authenticate**

**POST** [localhost:9010/authenticate](#) [Send](#)

[Params](#) [Authorization](#) [Headers \(8\)](#) [Body](#) [Pre-request Script](#) [Tests](#) [Settings](#) [Cookies](#) [Beautify](#)

none  form-data  x-www-form-urlencoded  raw  binary  GraphQL [JSON](#)

```
1 {  
2   "user": {  
3     "userName": "Laksh21",  
4     "userPassword": "Laksh@21"  
5   }  
6 }
```

[Body](#) [Cookies](#) [Headers \(14\)](#) [Test Results](#) [Status: 200 OK](#) [Time: 302 ms](#) [Size: 870 B](#) [Save as Example](#) [...](#)

[Pretty](#) [Raw](#) [Preview](#) [Visualize](#) [JSON](#) [-](#)

```
1 {  
2   "user": {  
3     "userName": "Laksh21",  
4     "userFirstName": "Lakshay",  
5     "userLastName": "Bhati",  
6     "userPassword": "$2a$10$61hGdRovejm0pgZvy02w3eX5DBDb5e3PnrC7Fcy4UICDi4KPc6Dja",  
7     "role": [  
8       {  
9         "roleName": "User",  
10        "roleDescription": "Default role for newly created record"  
11      }  
12    ]  
13  }  
14}
```

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Go to Settings to activate Windows.

[Online](#) [Find and replace](#) [Console](#) [Runner](#) [Capture requests](#) [Cookies](#) [Trash](#) [?](#)

# Future Potential

- Logistic Services and Network can be implemented
- Creating cart option and making the Website more Optimized and Dynamic
- Storing the data in Cloud storage

# GitHub Link



<https://github.com/Laksh-Bhati/MyBookStore.git>

# Thank You

for your participation